LIBRARY

KETTON RURAL DISTRICT.

Public Health Officers of the Authority ;-

Medical Officer of Health;- W. Anley Hawes, M.B., B.S., D.P.H., Lond.
Part Time

Sanitary Inspector ;- L. J. Roll. A.R.San.I., Cert.S.I.B.

To the Chairman and Members of the Ketton Rural District Council.
Gentlemen,

I have the honour to present my annual report and that of the Surveyor and Sanitary Inspector for the year 1950.

For the second year in succession the Infantile Mortality rate is nil as compared with 29.8 for England and Wales, no child under 1 year of age having died. The birth rate of 19.5 is well above the average for the whole country 15.8 and the death rate is lower. With the exception of measles 66, the notifications of infectious diseases have been low. No cases of diphtheria were reported. One new case only of respiratory tuberculosis was notified.

12 Council Houses were completed at Ryhall and 12 were in the course of erection in this village and 4 at Pickworth.

The second bore hole was sunk at Ryhall and a satisfactory sample of water obtained - the piped supply for the Ryhall group of villages should therefore be completed in 1951.

Ketton water supply has been adequate in quality and quantity. Plans were prepared for the much needed collection and disposal of night soil by council employees; the scheme when operating will be a great step forward from the Public Health point of view.

I have the honour to be,
Yours obedient Servant,
W. Anley Hawes,

Medical Officer of Health.

STATISTICS.

SECTION A.

Area	16,549
Population	2973
Number of Inhabited Houses	876
Rateable Value	£11,685
Sum represented by Penny Rate.....	£46.

SOCIAL CONDITIONS.

The chief industry is agriculture. Other employment is provided by Cement Works, Agricultural Machinery Works and Quarries.

VITAL STATISTICS.

	M.	F.	Total.
LIVE BIRTHS.	30.	28.	58.
Legitimate	30	28	
Illegitimate	0	0	

Rate per 1000 estimated population 19.5
Corresponding rate for England and Wales 15.8

STILL BIRTHS.

Legitimate	1	1
Illegitimate	-	-

Rate per 1000 estimate population 0.67
Corresponding rate for England and Wales 0.37

DEATHS.

Number of Deaths	23	21	44

Death Rate per 1000 estimated population 10.4
Corresponding rate for England and Wales 11.6

MATERNAL DEATHS.

Deaths from Puerperal Sepsis ..... Nil.
Deaths from other Maternity causes ..... Nil.

INFANTILE MORTALITY RATE.

Death Rate of Infants under 1 year of age ;-

All Infants per 1000 live births ..... Nil
Legitimate Infants live births ..... Nil
Illegitimate Infants live births ..... Nil
Corresponding Rate for England and Wales 29.8

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES

INJURIES AND CAUSES OF DEATHS.

	Male	Female
Tuberculosis Respiratory	1	0
Tuberculosis (other forms)	0	0
Syphilitic Diseases	0	0
Diphtheria	0	0
Whooping Cough	0	0
Miningococcal Infections	0	0
Acute Poliomyelitis	0	0
Measles	0	0
Other infective Parasitic Diseases	0	1
Malignant neoplasm of Stomach	0	1
Malignant Neoplasm of lung, bronchus	1	0
Malignant Neoplasm of breast	0	0
Malignant Neoplasm of uterus	0	0
Other malignant & Lymphatic neoplasms	0	0
Leukaemia, Aleukaemia	0	0
Diabetes	0	0
Vascular lesions of nervous system	0	2
Coronary Disease Angina	5	3
Hypertension with heart disease	0	1
Other heart diseases	7	5
Other circulatory diseases	0	0
Influenza	1	0
Pneumonia	0	1
Bronchitis	2	1
Other Diseases Respiratory system	1	0
Ulcer of Stomach, duodenum	1	0
Gastritis, Enteritis and diarrhoea	0	0
Nephritis & Nephrosis	0	0
Hyperlasia of Prostate	0	0
Pregnancy childbirth abortion	0	0
Congenital Malformations	0	0
Other Defined & ill defined Diseases	2	1
Motor vehicle accidents	0	0
All other accidents	1	4
Suicide	1	1
Homicide & operations of war	0	0
	23	21

ANALYSIS OF CASES OF INFECTIOUS DISEASES AND DEATHS THEREFROM.

	Total Cases Notified	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever	4	-	-
Pneumonia	9	4	1
Poliomyelitis	1	1	-
Measles	66	-	-
Whooping Cough	8	-	-
Total	88	5	1

AGE DISTRIBUTION OF THE NOTIFIED INFECTIOUS DISEASES.

	Not known	Under 1	1-	2-	3-	4-	5-	10-	15-	20-	25-	35-	45-	55-	65-	Total
Scarlet Fever	-	-	-	-	-	1	2	-	-	-	-	1	-	-	-	4
Pneumonia.	-	1	1	-	-	-	1	1	-	1	-	1	2	-	1	9
Poliomylitis.	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Measles.	-	-	4	8	10	6	31	5	2	-	-	-	-	-	-	66
Whooping Cough	-	-	1	-	1	-	6	-	-	-	-	-	-	-	-	8
Total	-	1	6	8	11	7	41	6	2	1	-	2	2	-	1	88

Case Rate of Certain Infectious Diseases.

Rates per 1000 civilian population.

	Ketton R.D.	England and Wales.
Scarlet Fever.	1.3	1.50.
Whooping Cough.	2.6	3.60.
Diphtheria.	0	0.02.
Measles.	22.1	8.39.
Pneumonia.	3.0	0.70.
Acute Polomyelitis.	0.3	0.18.

TUBERCULOSIS.

	Deaths during 1950.				New Cases during 1950.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
35-45 yrs.	-	-	-	-	-	1	-	-
45-55 "	-	-	-	-	-	-	-	-
55-65 "	1	-	-	-	-	-	-	-
Total.	1	-	-	-	-	1	-	-

FACTORY ACT 1937 and 1948.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1950.

1. INSPECTIONS for purposes as to health (including inspections made by Sanitary Inspector.)

Premises.	Number on Register	Numbers of		
		Inspections.	Written Notices.	Occupiers Prosecuted
(i) Factories in which sections 1,2,3,4, & 6 are to be enforced by Local Authorities.	7	7	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	13	6	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
	20	13	-	-

2. CASES IN WHICH DEFECTS WERE FOUND.
(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases")

Particulars.	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted
	Found	Remedied.	Referred To H.M. Inspector	By H.m. Inspector.	
Want of Cleanliness.	-	-	-	-	-
Overcrowding. (S2)	-	-	-	-	-
Unreasonable temperature.	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors.	-	-	-	-	-
Sanitary Conveniences					
(a) insufficient	-	-	-	-	-
(b) unsuitable or defective.	-	-	-	-	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
Total	-	-	-	-	-

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

Provision for the bacteriological analysis of milk, water and pathological specimens is made by the Public Health Emergency Laboratory at the Memorial Hospital, Peterborough, under Dr. D.M. Fulton.

Ambulance Facilities.

The ambulance service is provided by the St. John Ambulance Brigade, Stamford, on behalf of and under the control of the Rutland County Council. This service has operated smoothly and well

Infectious Disease cases are conveyed by ambulances of the Rutland County Council.

Nursing in the HOME.

Provided by the County Council under the National Health Service.

GENERAL HOSPITALS.

Acute and Maternity admissions to ;-
Stamford & Rutland Hospital under No. 12 Area.
Peterborough Hospital Management Committee of the East Anglian Regional Hospital Board.

Chronic & long Term Illness to either ;-
St. George's Hospital, Stamford. or
The Ashes, Oakham

Isolation Hospital.

Infectious cases are admitted to the Peterborough Isolation Hospital under the Peterborough Hospital Management Committee.

Treatment Centres and Clinics.

(a) Provided by the County Council ;-
Child Welfare, Ketton - twice monthly.

Children also attend the Kesteven County Council Child Welfare Clinic, Barn Hill, House, Stamford, weekly on Fridays 2 - 4 p.m.

Diphtheria Immunisation is provided under the General Medical Practitioner Service of the Rutland County Council and also at Barn Hill Clinic, Stamford, under the Kesteven County Council.

(b) Provided by the Regional Hospital Board ;- Tuberculosis.
Weekly clinic - Tuesdays from 9-30 a.m.
Stamford & Rutland Hospital, Stamford.
Under Dr. C. Bernard Royce, Consulting Chest Physician, Peterborough Group of Hospitals.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

The piped supply for Ketton has been adequate in quantity and quality. Samples are taken regularly by the Sanitary Inspector and sent to the Public Health Laboratory, Peterborough.

Progress has been made for the piped supply for the Ryhall group of villages, Ryhall, Belmisthorpe, Essendine, Great and Little Casterton. A second bore hole has been sunk and satisfactory samples of water obtained on analysis. These villages should all be connected up to the main supply in the reasonably near future.

Chemical Analysis.

	New Bore, Ryhall.
	Parts per 100,000
Nitrogen, Ammoniacal	0.002
" Albuminoid	0.001
" Nitrous	none
" Nitric	0.318
Oxygen Absorbed in 15 min.	0.008
" " " 4 hrs	0.028
Chlorine	2.70
" expressed as sodium chloride .	4.46
Total solid Matter, dried at 100°C ..	55.0
Hardness, Temporary	22.25
" Permanent	13.50
Metals (copper, lead, iron, zinc) ...	none
Number of organisms per c.c. capable of growing on standard agar	
in 3 days at 22°C	32
in 2 days at 37°C	2
B. Coli Communis, Presumptive Test	
50 c.cs. ...	negative.
5 x 10 c.cs. ...	negative.
5 x 1 c.cs. ...	negative.

This water in its present condition is suitable for all dietetic purposes.

15.3.50

Estimated number of dwelling houses supplied from public mains, details supplied by the Sanitary Inspector:-

	(a) Direct to House.	Population represented.	(b) By Stand-pipes.	Population represented.
CLIPSHAM	-	-	33	99
ESSENDINE	26	78	31	93
GT. CASTERTON	4	12	67	201
KETTON	298	894	38	114
LT. CASTERTON	7	21	42	126
PICKWORTH	8	24	20	60
RYHALL	15	45	183	585
TINWELL	33	99	35	105
TIXOVER	-	-	17	51

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

As recorded earlier in this report the incidence and severity of infectious diseases have been extremely low during the year and below average for the County as a whole. No cases of diphtheria have been reported. A minor epidemic of measles occurred, there were no deaths from complications.

Tuberculosis.

One new case only of respiratory tuberculosis was reported and there was one death from this disease.

Patients attend the Stamford Hospital Chest Clinic under Dr. C. Bernard Royce.

Statistics dealing with Housing, Meat & Food Inspections are detailed in the Sanitary Inspector's Report.

August, 1951.

KETTON RURAL DISTRICT COUNCIL.

SANITARY INSPECTOR'S ANNUAL REPORT FOR THE YEAR 1950.
for incorporation in the Annual Report of the Medical Officer of Health.

TABULAR STATEMENT OF INSPECTIONS.

Housing	85
Meat & Food.	43
Factories	13
Water Supplies	109
Refuse Disposal	30
Building	90
Infectious Diseases	13
Miscellaneous	249
Total	632

NOTICES SERVED.

	Issued	Complied with
Informal	5	5
Statutory	-	-

INFECTIOUS DISEASES AND DISINFECTION.

Terminal disinfection has been carried out in respect of the under-mentioned cases of infectious diseases in the Parishes mentioned:-

DISEASE	RYHILL.	TINWELL	LITTLE CASTERTON
Scarlet Fever.	2	2	
Poliomyelitis			1
Other Diseases	1		

DISINFESTATION.

One house infested with fleases was disinfested in the Parish of Tinwell.

HOUSING INSPECTION.

No. of visits.	85
No. of houses inspected	71
No. of houses inspected and recorded	54
No. of inspections made for the purpose	68
No. of houses found unfit for habitation	7
No. of houses no in all respects fit	35
Remedy of defects.	
No. of houses repaired as a result of informal action.	5
No. repaired as a result of action under Sec. 9 Housing Act, 1936	Nil
No. of houses closed as result of action under Sec. 11 Housing Act, 1936.	3
No. of new cases of overcrowding discovered	2
No. of cases of overcrowding abated	2
Proceedings under Public Health Acts.	
No. of houses repaired as a result of Magistrates Nuisance Order.	5

NEW BUILDINGS.

29 Plans were deposited under the Building Byelaws and 27 were approved including Plans for 2 new houses to be erected by private enterprise and conversion of a building into 2 housing units. 12 Council Houses were completed at Ryhall during the year and 12 more were in course of erection in the same Parish together with 4 at Pickworth. 4 houses were erected by private enterprise in the Parishes of Tinwell (2) Ryhall (1) and Little Casterton (1). One unauthorised building was ordered to be demolished and this has since been done.

BUILDING LICENSING.

Eight Building Licences were issued during the year and it is again necessary to record that the very restricted licence quota has badly hampered both new building and works of repair.

MEAT AND FOODS.

The three licensed slaughter-houses continue to be used only for occasional emergency slaughter and for the slaughter of private bacon pigs. It has not been necessary to condemn any food as unfit for human consumption during the year.

Two shops in the Parishes of Ketton and Ryhall have been licensed for the sale of pre-packed ice cream during the year but there are no other changes in the Registers to record.

FACTORIES.

The number of premises on the Register remains unchanged. It has not been necessary to serve any notices for infringements of the Factories Act during the year.

WATER SUPPLIES.

During the year the second bore-hole at Ryhall was sunk and a sample from this submitted for chemical analysis was reported satisfactory. As a preliminary to the main scheme a section of main was laid to serve the 24 new Council Houses at Ryhall and brought into use by means of a temporary overhead supply tank.

The supply at Ketton continued to be satisfactory and the chlorinator has given no further trouble. Regular samples from the two main supplies at Ketton and Ryhall have been submitted for bacteriological examination and the results are summarised below.

TYPE OF WATER	NO OF SAMPLES.	SATISFACTORY	SUSPICIOUS	UNSATISFACTORY
Unchlorinated	12	9	3	-
Chlorinated	10	10	-	-

MOVEABLE DWELLINGS.

Two moveable dwellings on unlicensed sites were discovered during the year and removed as a result of informal action. No sites were licensed during the year.

L. J. ROLL.

Sanitary Inspector & Surveyor.

August, 1951.